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# INTRODUCTION

This index includes all materials given in the Proceedings of the Military Operations Research Symposia, volumes 31-40. MORS attendees who have used earlier indices will note several important changes. A series of notes is offered for the guidance of prospective users.

1. Essentially, this index consists of three distinct parts: the author index (Part I), a subject index (Part II), and re-prints of the tables of contents of all MORS symposia represented in the index (Part III). The parts complement each other. Part III, in particular, should prove useful to users of the subject index. The names of authors are given in Part III and may easily be matched with specific subject-matter by following the references in the subject index. Likewise, Part III offers guidance on the security classification of matters of interest.

2. Throughout the index, emphasis is placed on professional contributions. The names of officers, board members, and committee personnel are omitted, unless some specific contribution from them appears in the Proceedings. Similarly, in Part III, only those portions of the tables of contents are given which provide direct guidance to substantive contributions. All authors and co-authors of keynote addresses, contributed papers, and working group papers are listed in the author index in alphabetical order. A major paper with two or more co-authors is listed two or more times. In the case of Working Group Reports (identified throughout as "WGRs"), only the name of the chairman is given in the author index. Cochairmen, assistants, and others are appropriately named in Part III.

3. Author entries are carried in the index after the manner of the Proceedings of the Franklin Institute. That is, titles of papers are given in lower case, except for a capital in the first word of the title and for proper names or their equivalent. Where the full title of a paper from some other publication is used as part of a MORS title, standard capitalization is used. The author index expressly identifies as such all keynote addresses, all occasional speeches, as well as the awardees of Rist Prizes. The same special items are grouped appropriately in the subject index.

4. In accord with current practice, all internal references to papers in the Proceedings are given in arabic numerals. Thus, a citation to "34-7" guides the reader to the Proceedings of the 34th MORS, page 7. Furthermore, all references include only the page where a paper (or some treatment of a specific subject) begins.

5. Substantive matters addressed by MORS contributors are indexed in Part II. Generally, each paper or report listed in the author index will be reflected in the subject index as many as six or seven times. In general, the index avoids purely abstract, general listings, or keeps them to a minimum. There is strong preference for specific subject listings - in an effort to help the working analyst identify items of immediate interest. The index makes a special effort to identify methodologies, approaches, and models (by name, when possible). Internal cross-referencing will often guide the user to a variety of helpful listings.

6. Multiple sub-entries under a specific subject are not listed in rigid alphabetical order. They are listed in the same order in which they appeared in the original Proceedings. Users should scan all listings of interest.

7. The index is wholly unclassified. As a rule, the Proceedings bear an overall classification of SECRET. As noted above, Part III will provide specific information on classifications. MORS Proceedings reflect a very large span of analytic interest, and testify to the alertness of MORS planners in adjusting the work of the membership to the fluid interests of the Defense establishment. Official descriptions of the MORS symposia referenced in this index are given herewith:

31st - "The Role and Mission of the Defense Department in the New Era"; US Naval Academy, Annapolis, Maryland - 19, 20, 21 June 1973 (DTIC No. AD 529293)

32nd - "The Department of Defense in the Near Future"; Naval Postgraduate School, Monterey, California - 14, 15, 16 November 1973 (DTIC No. AD 531175)

33rd - "Applications of Military Operations Research in Low-Intensity Conflict"; US Military Academy, West Point, New York - 25, 26, 27 June 1974 (DIIC No. ADC 000060)

34th - "Contributions of Operations Research to the Defense Decision Process"; US Army Transportation Center, Fort Eustis, Virginia 3, 4, 5 December 1974 (DTIC No. ADC 002913)

35th - "A Case Study Approach for 'Military Operations Research Application'"; U.S. Naval Academy, Annapolis, Maryland - 1, 2, 3 July 1975 (DTIC No. ADC 005592)

36th - "Human Factors in Operations Research"; FBI Academy, Quantico, Virginia - 16, 17, 18 December 1975 (DTIC No. ADC 014467L)

37th - "A Current Assessment of Quantitative Techniques"; US Army Air Defense Center, Fort Bliss, Texas - 22, 23, 24 June 1976 (DTIC No. ADC 009755)

38th - "Constraints on Military Force Readiness"; US Army Transportation Center, Fort Eustis, Virginia - 7, 8, 9 December 1976 (DTIC No. ADC 012958)

39th - "Applications of Military Operations Research in C<sup>3</sup>"; US Naval Academy, Annapolis, Maryland - 28, 29, 30 June 1977 (DTIC No. ADC 015138)

40th - "Old Lessons, New Challenges"; US Naval Postgraduate School, Monterey, California 13, 14, 15 December 1977 (DTIC number not available at time of publication).

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